

12. (Cancelled).

TP 13. (Original) A The process for refreshing a dynamic random access memory

TP according to Claim 1, comprising:

TP continuously and dynamically measuring the retention time of all the memory cells of the

TP memory; and

regulating the refresh period of the memory based on the result of this measurement;

wherein the memory is incorporated into an apparatus which operates in both a standby mode and an active mode of operation, and wherein measuring and regulating are performed at least in the course of the standby mode.

14. (Original) The process according to Claim 13, wherein the apparatus is a handset of a wireless communication system.

*The device according to Claim 15,*

*TP 27. (Currently Amended) A dynamic random access memory* The device according to

*TP Claim 15, comprising:*

*TP a dynamic random access memory; and*

*TP a memory refreshing circuit that operates to continuously and dynamically measure the*

*TP retention time of all the memory cells of the memory; and to regulate the refresh period of the*

*TP memory based on the result of this measurement;*

wherein the device is incorporated into an apparatus which operates in both a standby mode and an active mode of operation, and wherein the memory refreshing circuit operates to measure and regulate during at least the course of the standby mode.

28. (Original) The device according to Claim 27, wherein the apparatus comprises a handset of a wireless communication system.

29. (Original) The device according to Claim 28, wherein the handset is a cellular mobile telephone.